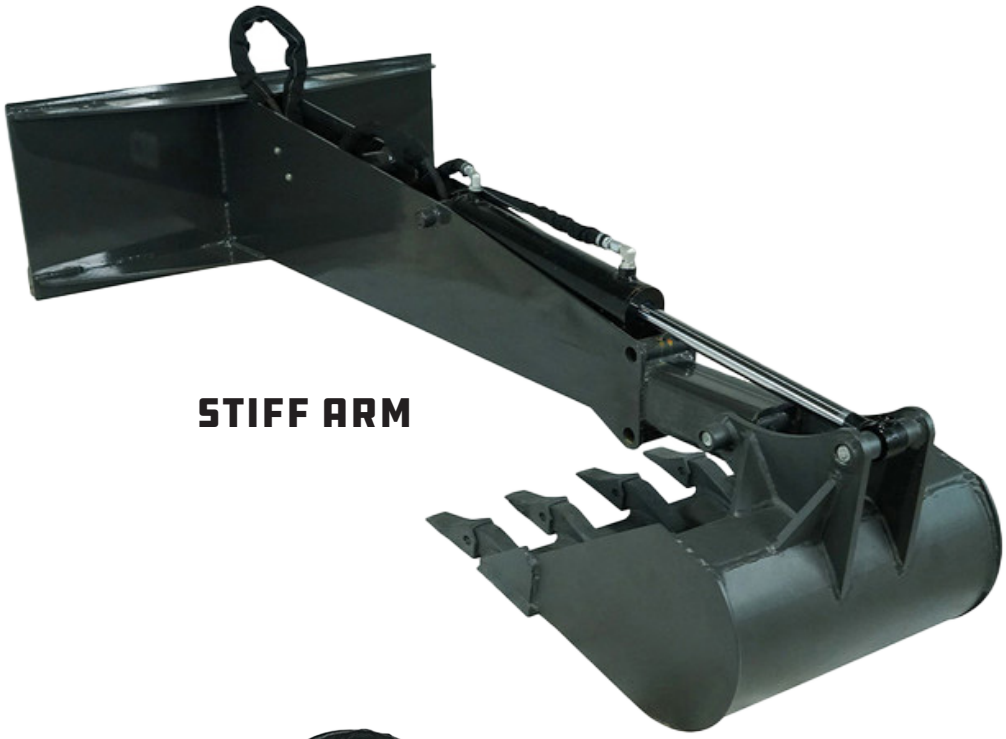
CID ATTACHMENTS

BACKHOE ATTACHMENT

OWNER'S MANUAL



STIFF ARM



SWING ARM

AUG
2026

OPERATING INSTRUCTIONS| SAFETY RULES | MAINTENANCE PROCEDURES

REGISTER YOUR PRODUCT

CID

336-859-2002

MODEL		WEIGHT	
PART		HP RANGE	
SERIAL			
HYDRAULIC PRESSURE		HYDRAULIC FLOW	

WWW.CIDATTACHMENTS.COM

Please see the inside of the back cover for instructions of where to find your model and serial number.

⚠WARNING

To prevent personal injury or even death, be sure you read and understand all the instructions in this manual and other related OEM equipment manuals! This attachment if not used and maintained properly, can be dangerous to users unfamiliar with its operation. Do not allow operating, maintaining, adjusting, or cleaning of this attachment until the user has read this manual and has developed a thorough understanding of the safety precautions and functions of the unit. DO NOT modify or use this attachment for any application other than that for which it was designed. Attachments maintained or operated improperly or by untrained personnel can be dangerous, exposing the user and/or bystanders to possible serious injury or death.

Purchase Date:	
Dealer Name:	
Address:	
Phone Number:	

WELCOME

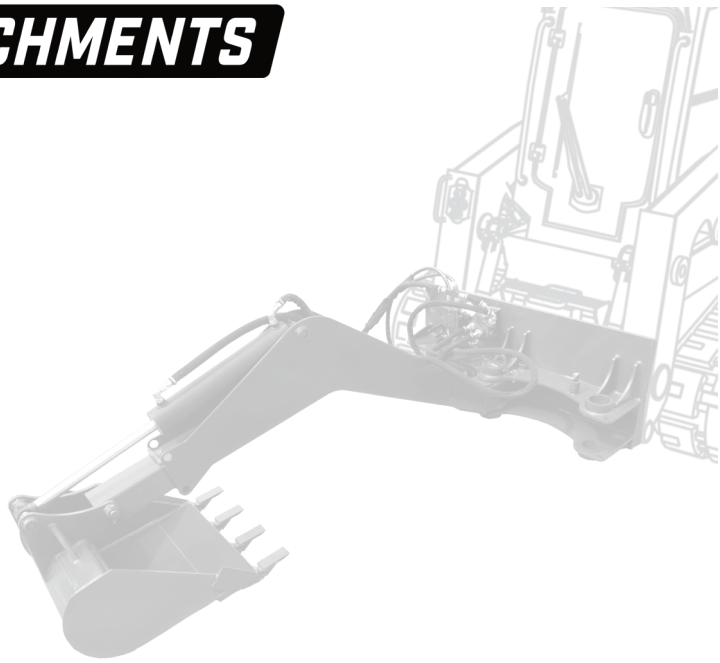
Thank you for choosing CID. This attachment has been designed and manufactured to meet the needs of discerning users. We are committed to providing you with a heavy duty product that will provide years of satisfaction and safe operation.

This manual will provide instructions on how to safely operate and maintain this attachment. All users must read and understand this manual before operating this machine. Upon reading this manual, all users should sign the “Safety Acknowledgment Form” at the end of this manual.

Please record your model and dealer information on the inside front cover. You will be asked to provide this information when ordering parts or requesting service. If you need more information on this product, contact your local dealer or visit *www.cidattachments.com.*

Sincerely,

CID Attachments



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IMPORTANT WARRANTY DISCLAIMERS

ATTENTION: If your attachment has control valves, cylinders, gearboxes, or motors and they are opened or disassembled, the WARRANTY for that item WILL IMMEDIATELY BE VOIDED!

HYDRAULIC FLUID STATEMENT: Check your machine's hydraulic level and add hydraulic fluid if necessary before each use. Inspect for leaks, and repair if necessary. **Always use your machine's manufacturer recommended hydraulic fluid in your machine!** Fluid must be clean and debris free. If damage occurs from debris in hydraulic fluid flowing from your machine to our attachment it will VOID the warranty on any cylinders, motors, couplers, manifolds &/or valves (relief, lock, selector, check and flow control) down line from that flow.

WARNING: This product can expose you to chemicals including benzene and mineral oils, which are known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov.

SECTION 2

SAFETY INFORMATION

The following terms may be used interchangeably throughout this manual.

Term	Alternate Terms Used
Backhoe Attachment	implement, attachment, bucket, backhoe bucket, swing arm, stiff arm
Machine	skid steer loader, skid steer, tractor, loader, prime mover, host machine
Operator	user, personnel

The **Backhoe Attachment** is designed and manufactured with safety in mind. However, improper use and operator error can result in death or serious injury. It is important that you read and fully understand the safety instructions and operating procedures presented in this manual before operating this attachment. Accident prevention is a combination of good judgment, common sense, awareness and proper training!

⚠ BEFORE YOU OPERATE THIS BACKHOE ATTACHMENT:

KNOW how to safely operate your machine.

READ and UNDERSTAND the safety instructions and operating procedures contained in this manual.

ACKNOWLEDGE your understanding of all safety instructions presented in this manual by signing the “Safety Acknowledgment Form” at the end of this manual.

Although every effort has been made to ensure a safe product, every possible circumstance that could pose a potential hazard cannot be anticipated. The warnings presented in this manual and on this product, are therefore not all-inclusive.

In addition to the safety messages presented in this section, you must also read and understand the safety messages presented in the other sections of this manual.

This manual and the decals on this machine use safety symbols, hazard labels, pictograms and color coded signal words to alert you to potential hazards that may cause severe injury or death if a safety instruction is ignored.



SAFETY ALERT SYMBOL - This symbol is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

HAZARD CLASSIFICATIONS

Hazards are identified by the “Safety Alert Symbol” and followed by the signal word “DANGER”, “WARNING”, or “CAUTION”.

DANGER

Indicates an imminently hazardous situation which,

if not avoided, will result in death or serious injury.

This signal word is limited to the most extreme situations.

WARNING

Indicates a potentially hazardous situation which, if

not avoided, could result in death or serious injury.

CAUTION

Indicates a potentially hazardous situation which,

if not avoided, may result in minor or moderate injury.

NOTICE

Indicates a situation which may cause damage to equipment or property.

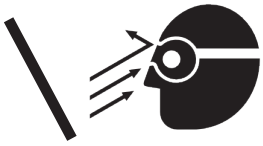
Messages are not related to personal injury.

Safety Instructions

Indicates specific safety-related instructions or procedures.

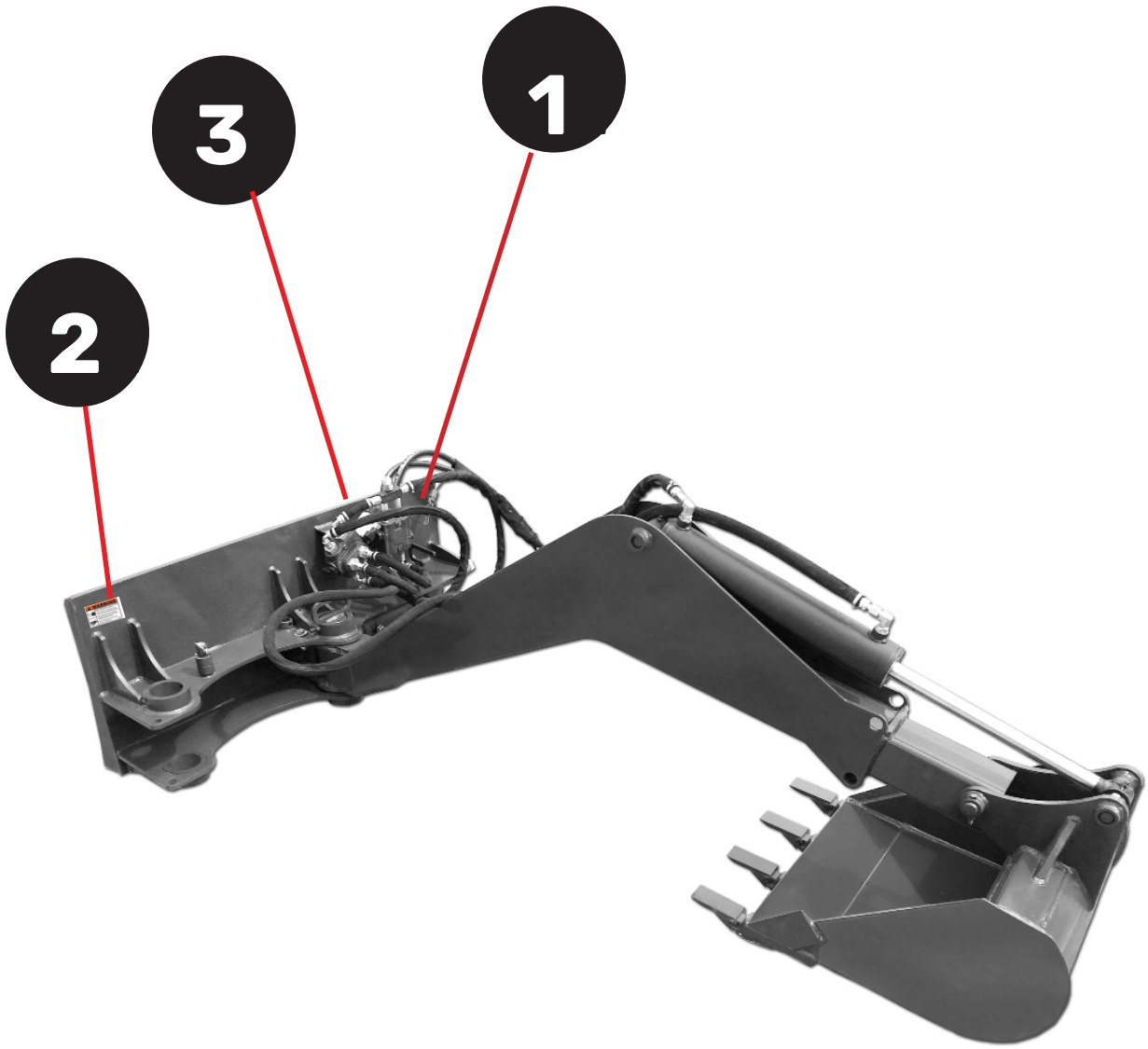
2.1 SAFETY SYMBOLS

Pictograms are graphic symbols meant to alert you of a potential hazard. Read and understand the hazard description for each of these symbols.

Pictogram	Description
	**PINCH HAZARD**: Keep clear of machine and attachment to prevent death or serious injury from pinching of moving parts.
	**OPERATING MANUAL**: Operators must read and understand the safety instructions in the operating manual to prevent death or serious injury.
	**EYE PROTECTION & CARDBOARD**: Operators and Maintenance personnel must wear proper eye protection and use cardboard or wood to investigate hydraulic leaks to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	**HIGH PRESSURE FLUID INJECTION HAZARD**: Operators and Maintenance personnel must not place fingers or hands directly over a hydraulic leak to prevent death or serious injury from being injected with high pressure hydraulic fluid.
	**NO BYSTANDERS**: DO NOT operate this attachment near bystanders. Bystanders must stay back at least 30 feet from the attachment to prevent death or injury from flying objects.
	**CRUSH HAZARD**: DO NOT place any part of the body under the attachment or machine arms to prevent death or serious injury from being crushed .

Safety warning decals are located on this attachment near immediate areas of potential hazards. Operators must learn the meaning of each decal and know where to find the decal on the attachment.

CONTACT YOUR LOCAL DEALER TO ORDER REPLACEMENT DECALS



2.2 SAFETY DECALS

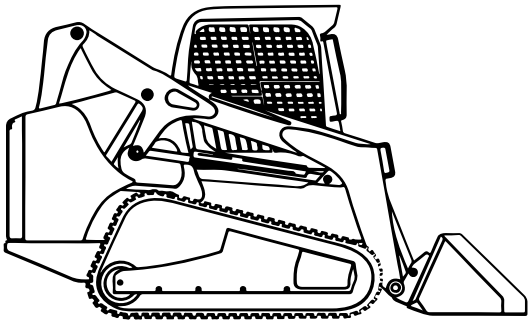
The safety decals affixed to this attachment are to keep you safe. DO NOT ignore these decals. Read and understand each decal's safety message. Follow these Safety Decal Instructions:

REF	DESCRIPTION	LABEL	QTY
1	FALLING HAZARD DANGER LABEL		1
2	HIGH PRESSURE FLUID HAZARD WARNING		1
3	MUST READ OWNER'S MANUAL		1

WHEN ORDERING, CHOOSE THE PROPER DECAL FOR YOUR MODEL

- **Decals must be kept clean and legible at all times.**
- **Operators must inspect the attachment for safety decals.**
- **Replace missing, worn or damaged decals immediately.**
- **When using a hot pressure washer to clean this attachment make sure water jet is not too close to the decal as this may cause the decal to peel.**
- **When replacing parts, be sure safety decals are in place prior to using the attachment.**
- **Make sure metal surface is dry and free of dirt and grease before affixing decals to this attachment.**

2.3 SKID STEER LOADER REQUIREMENTS



Tracked

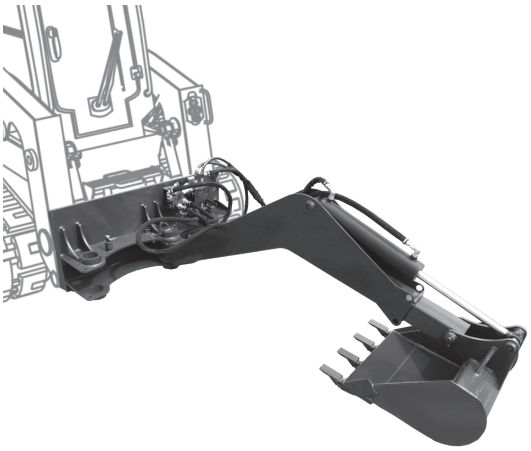
VS.



Wheeled

A Tracked Skid Steer or Compact Track Loader (CTL) will provide superior stability in this application.

Follow the operating instructions in your Skid Steer operator's manual.



Make sure the machine is counterweighted as recommended by your dealer. Weights provide the necessary balance to improve stability, traction, and steering.

THE BACKHOE Attachment should only be used on machines that meet the necessary requirements.

2.4 PERSONAL PROTECTIVE EQUIPMENT (PPE)

All operators should wear hearing protection, safety glasses, hand protection and dust mask while operating this attachment.









2.5 GENERAL SAFETY INSTRUCTIONS

MAKE SURE YOU FOLLOW THE GENERAL SAFETY INSTRUCTIONS THAT RELATE TO THE OVERALL OPERATION AND MAINTENANCE OF THIS ATTACHMENT. IT IS IMPORTANT THAT YOU READ AND UNDERSTAND EACH OF THESE MESSAGES TO PREVENT SERIOUS INJURY OR DEATH.

- **NEVER use drugs or alcoholic beverages while operating or servicing this attachment.**
- **ALWAYS operate this attachment during daylight or well-lit areas.**
- **We recommend using a high strength clear protective door panel when using with this attachment.**
- **To prevent the machine and attachment from rolling forward, stop the engine and set the parking brake when exiting the machine.**
- **Inspect attachment for loose or missing hardware prior to use.**
- **DO NOT allow children to play on or around this attachment at any time. Store this attachment in an area not frequented by children.**
- **ALWAYS wear the proper personal protection equipment while operating or servicing this attachment. NEVER operate or service this attachment with bare feet, sandals, or other light footwear.**
- **ALWAYS wear work gloves when handling this attachment to protect your hands.**
- **ALWAYS use eye protection while operating or servicing this attachment.**
- **ALWAYS watch for overhead power lines.**
- **DO NOT place any part of your body under this attachment.**
- **NEVER operate this attachment when bystanders are within 30 feet of your work area. Falling debris could cause serious injury or death.**
- **NEVER position your body or limbs under an unsupported attachment.**
- **DO NOT allow this attachment to contact buildings, utilities, large rocks or tree stumps or you may lose control of the machine.**
- **DO NOT operate this attachment during lightning or severe weather conditions.**
- **DO NOT allow riders on the machine or on this attachment.**
- **ALWAYS call 811, the "Digger's Hotline" before digging to identify underground utilities to avoid an accident that could result in Death or Serious Injury to the operator.**
- **DO NOT speed! Speed Kills! Keep your driving speed between 2 and 5 mph.**
- **NEVER leave equipment unattended with the engine running, or with this attachment in a raised position.**

IMPORTANT FEDERAL LAWS AND REGULATIONS CONCERNING EMPLOYERS, EMPLOYEES, AND OPERATORS

This section is intended to explain in broad terms the concept and effect of the following federal laws and regulations. It is not intended as a legal interpretation of the laws and should not be considered as such.

U.S. PUBLIC LAW 91-596 (The Williams-Steiger Occupational Safety and Health Act of 1970) OSHA

This Act Seeks:

" ... to assure so far as possible every working man and woman in the nation safe and healthful working conditions and to preserve our human resources... "

Sec. S(a) Each Employer – **DUTIES**

(1) shall furnish to each of its employees employment and a place of employment which are free from recognized hazards that are causing or are likely to cause death or serious physical harm to its employees.

(2) shall comply with occupational safety and health standards promulgated under this Act.

(b) Each employee shall comply with occupational safety and health standards and all rules, regulations, and orders issued pursuant to this Act which are applicable to his or her own actions and conduct.

OSHA Regulations

Current OSHA regulations state in part: "At the time of initial assignment and at least annually thereafter, the employer shall instruct every employee in the safe operation and servicing of all equipment with which the employee is, or will be involved." These will include (but are not limited to) instructions to:

Keep all guards in place when the machine is in operation;

Permit no riders on equipment;

Stop engine, disconnect the power source, and wait for all machine movement to stop before servicing, adjusting, cleaning, or unclogging the equipment, except where the machine must be running to be properly serviced or maintained, in which case the employer shall instruct employees as to all steps and procedures which are necessary to safely service or maintain equipment.

Make sure no one is within 300 feet of machinery before starting the engine, engaging power, or operating the machine.

EMPLOYEE MACHINE OPERATING INSTRUCTIONS:

1. Securely fasten your seat belt if the machine has the capability.
2. Where possible, avoid operating the machine near ditches, embankments, and holes.
3. Reduce speed when turning, crossing slopes, and on rough, slick, or muddy surfaces.
4. Stay off slopes too steep for safe operation.
5. Watch where you are going, especially at row ends, on roads, and around trees.
6. Do not permit others to ride.
7. Operate the machine smoothly - no jerky turns, starts, or stops.
8. Hitch only to the drawbar and hitch points recommended by machine manufacturers.
9. When machine is stopped, set brakes securely and use park lock if available.

Child Labor Under 16 Years Old

Some regulations specify that no one under the age of 16 may operate power machinery. It is your responsibility to know what these regulations are in your own area or situation. (Refer to U.S. Dept. of Labor, Employment Standard Administration, Wage & Home Division, Child Labor Bulletin # 102).

SECTION 3

OPERATING PROCEDURES

Your attachment may arrive from the factory strapped to a wood pallet and requires no final assembly. Use a steel band cutting tool to remove the steel straps.

DON'T FORGET TO REMOVE THE TRANSPORTATION BOLT BEFORE USING!



⚠ CAUTION

Shipping straps are under great tension, and could lash out uncontrollably when cut causing injuries to your body or bystanders. Keep bystanders away and wear safety glasses and gloves while removing the steel straps.

3.1 HOW TO CONNECT ATTACHMENT

GENERAL ATTACHMENT METHOD

Refer to your machine operator's manual for specific instructions on how to connect and disconnect your attachment.

This attachment method refers specifically to skid steers. For all other attachment instructions, refer to the Original Equipment Manufacturer (OEM) for instructions.

1. Ensure the hydraulic lines are clear from the front side of the attachment bracket and that the levers on the skid steer Quick Attach Coupler are in the unlocked position.

2. Tilt the skid steer loader Quick Attach Coupler slightly down and drive forward to the rear of the backhoe attachment until the top edge of the Quick Attach Coupler hooks under the lip of the attachment bracket. See figure 3.1a below.

3. Slightly tilt the skid steer Quick Attach Coupler upward until the backhoe attachment bracket is flat against the skid steer Quick Attach Coupler. See figure 3.1a below.

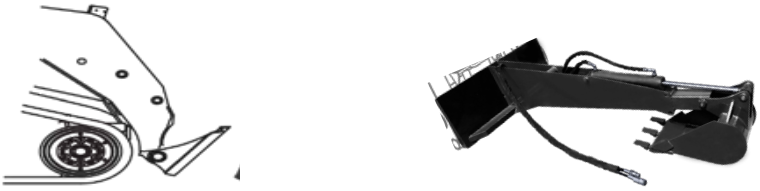


FIGURE 3.1A – QUICK ATTACH COUPLER LOCKED TO ATTACHMENT

4. Activate your skid steer's lever lock switch to lock the pins into the attachment bracket. If your skid steer does not have this switch, manually lock the pins as shown in Figure 3.1b below.

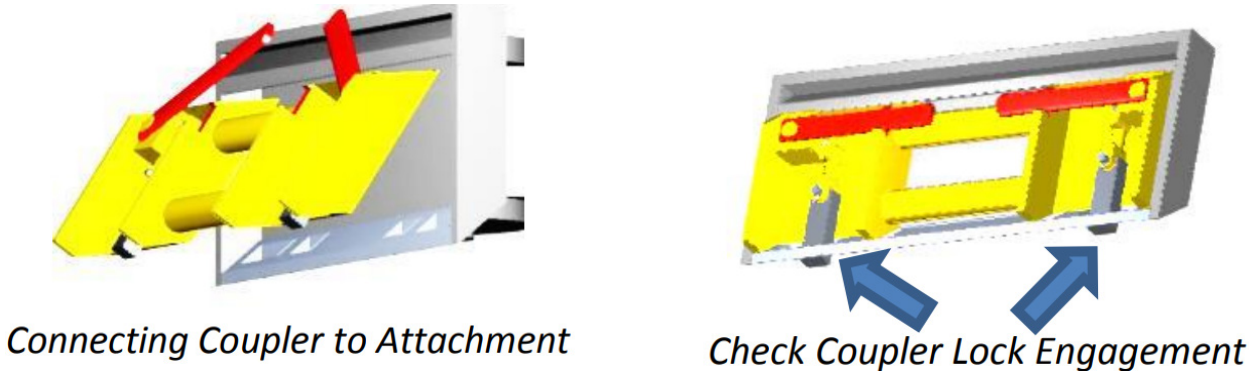


FIGURE 3.1B QUICK ATTACH COUPLER LOCKED TO ATTACHMENT BRACKET

⚠WARNING

To avoid serious injury or death, ensure locking pins fully extend through the slots on the attachment bracket and that levers are down in the locked position to prevent attachment from detaching from skid steer.

NOTICE

To keep contaminants from entering the hydraulic system, use a clean cloth to wipe away dirt and grease from the hydraulic couplers.

5. Connect the attachment hydraulic hoses to the auxiliary supply couplers located on your skid steer loader lift arm.

NOTICE

Check that hydraulic hoses are locked into the machine's couplers with the preferred output auxiliary port corresponding to the correct input line on the attachment before use.

Check the hose routing through the full range of intended motion before operating attachment. It is the responsibility of the owner/operator to make sure the hoses are routed correctly and are not pinched.

NOTICE

If during your initial startup, you realize the controls operate in the opposite direction that you prefer, you can change positions of the quick disconnect couplers on the attachment hoses to remedy your problem.

6. Connect the electrical harness (Swing Arm Models Only) from the swing arm attachment to the the electrical bulkhead connector mounted on the skid steer loader arm.

A *universal, 7, 8, or 14 pin* pigtail harness adapter is available to make this connection.

3.2 CONTROLS

ATTACHMENT CONTROLS

Your backhoe attachment is designed to run off the host machine's auxiliary hydraulic system, and is activated and deactivated by a control in the operator's cab. The height and tilt functions of your attachment are operated with the control handles or pedals in the cab. Consult your machine operator's manual for instructions regarding these functions.

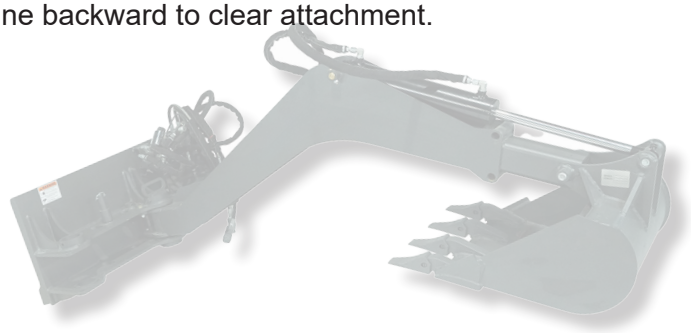
HYDRAULIC FLOW REQUIREMENTS

When operating the attachment, always use your machine's standard auxiliary flow. Never use high flow as damage will occur to the cylinders, possibly causing contamination! If you are unsure of the machine's flow rate, contact the machine dealer.

3.3 HOW TO DISCONNECT ATTACHMENT

DISCONNECTING ATTACHMENT

1. Park machine on a flat and level surface then lower the attachment to the ground.
2. Turn off auxiliary hydraulic circuit; relieve hydraulic pressure by moving the control levers back and forth or using hydraulic relief valve (if applicable).
3. Set parking brake and disengage lock pins using the lock lever switch (if installed skip step 7).
4. Turn off machine engine.
5. Disconnect hydraulic hoses and connect together or install dust caps to prevent contaminants from entering the hydraulic system.
6. Disconnect wire assembly (if applicable).
7. Pull latch handles to disengage lock pins.
8. Re-enter cab and start machine engine.
9. Tilt mounting coupler forward until Quick Attach Coupler is free from mounting bracket.
10. Drive machine backward to clear attachment.



3.4 LEARNING YOUR ATTACHMENT

1. Before using this attachment, make sure you are knowledgeable and comfortable with the operation of the auxiliary hydraulic control as outlined in previous sections of this manual and in the machine's operator's manual.

2. When operating this attachment, set the machine throttle at a speed that will produce the required flow. If the machine is equipped with a foot throttle, use it to control engine speed and power being delivered to the attachment. Refer to your machine manual or call your local machine dealer for additional help if necessary.

3. Learn what the attachment looks like in a level position when you are seated in the machine. This will help you when operating the attachment.

4. Note that if the machine engine is bogging down because of load on the attachment, it will be necessary to decrease the load until the machine's power can overcome the material load on the attachment.

3.5 BEFORE USING YOUR ATTACHMENT

DANGER

ALWAYS contact 811, the "Digger's Hotline" to identify underground utilities to avoid an accident that could result in Death or Serious Injury!

WARNING

EXPOSURE to crystalline silica dust along with other hazardous dusts may cause serious or fatal respiratory disease. It is recommended to use dust suppression, dust collection and if necessary personal protective equipment during the operation of any attachment that may cause a high level of dust.

1. Inspect the area to be worked and make sure it is free of any buried utilities, rocks, fence posts, or any other hazards or objects that you do not want to move.

2. Observe overhead electrical and other utility lines. Be sure equipment will clear them.

3. Determine a safe and efficient pattern before the start of the job.



3.6 FIRST TIME USE

Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.

NOTICE

Before operating your attachment, check the hydraulic fluid level in the machine and add manufacturer recommended fluid if necessary.

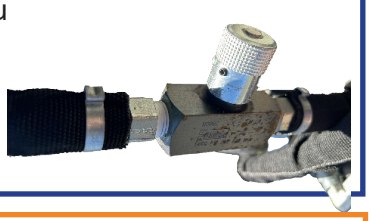
Verify that hydraulic hoses are securely locked to the machine's hydraulic couplers before starting the attachment.

1. Set machine engine RPM to just above idle and flip the auxiliary hydraulic switch to the ON position.
2. Raise the attachment 12 inches off the ground.
3. Rotate the bucket back and forth several times to eliminate any air in the circuit.
4. SWING ARM ONLY: Swing the arm to the left stop, then to the right stop, then back to center. **(Make sure the transportation bolt has been removed. See page 13)**
5. Return the backhoe attachment to the level position and set the bucket on the ground.
6. Set the parking brake, then shut off machine engine and exit the cab.
7. Check the hydraulic fluid level in the machine, add manufacturer recommended fluid if necessary.

NOTICE

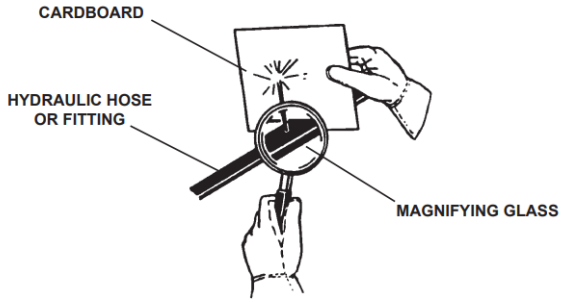
If the swing action is too fast or seems too erratic, turn the flow valve that feeds the swing cylinder, counter-clockwise 1/4 turn. Repeat this procedure until you feel comfortable with the swing speed.

NOTE: The more the valve is closed, the more it will squeal and that is NORMAL!



⚠WARNING

To avoid serious injury by hydraulic fluid injection into your skin, never use your hand or other body parts to locate a hydraulic leak. Detect leaks with a piece of wood or cardboard. Flesh injected with Hydraulic fluid may develop gangrene or other permanent disabilities.



DANGER

ALWAYS contact 811, the “Digger’s Hotline” to identify underground utilities to avoid an accident that could result in Death or Serious Injury!



ALWAYS be aware of your surroundings and pay attention to obstacles and terrain around you.

You must notify utility companies of your intent to dig or trench by calling 811 or making an online request with your state’s 811 center a few days prior to digging or trenching. Visit: https://call811.com/811-In-Your-State to connect to your state’s 811 center.

811®
Know what’s below.
Call before you dig.



3.8 OPERATING TIPS

WARNING Never operate this attachment when bystanders are within 30 feet of your work area to avoid an accident that could result in serious injury or death if struck by the backhoe arm or bucket during operation.

WARNING Never use this attachment as a battering ram, or attach ropes, chains, etc., to the unit as it was made for digging.

1. When operating the host machine, set machine throttle to a speed that provides the necessary force to lift the backhoe with a full bucket of dirt or provide adequate power to optimize the backhoe's breakout force. It is not necessary to run the machine's engine at full RPM when using this attachment.

2. Take a moment to survey the excavation site. Plan your strategy to determine the best digging direction, where to place the soil pile, as well as planning for adequate access for workers who may need to access the trench or hole after you have completed the excavation.

3. DO NOT use the backhoe near the edge of drop-off, banks, or on steep slopes due to the risk of injury or death if the machine were to overturn or fall off the bank.

4. Section off your intended work area with cones and a safety perimeter that includes your working area.

5. If the auxiliary hydraulic circuit stalls while using the bucket, you may be taking too big of a bite. Lift the arm slightly and attempt to curl the bucket again, taking a smaller bite.

6. Use a combination of loader arm and attachment plate tilt when curling the bucket. Using all three functions simultaneously will result in a level trench bottom.

7. After filling the bucket with material, lift the bucket above ground surface before swinging the backhoe (swing arm models only).

8. When backfilling your trench or hole, use the backhoe bucket as a tool to tamp the material in the hole.

3.9 CONVERTING TO OFFSET BACKHOE POSITION

The Swing Arm Backhoe Attachment can be offset on the mounting bracket to enable the attachment to excavate alongside a building or fence.

DANGER **LOWER OR SUPPORT RAISED EQUIPMENT:** DO NOT work under a raised swing arm without supporting it. Do not use support material made of concrete blocks, logs, buckets, barrels, or any other material that could suddenly collapse or shift positions. Lower swing arm to ground level before leaving the operator's cab or working on the attachment.

The following procedure should be completed in a workshop that has an overhead hoist or crane:

1. Attach and secure the backhoe to the machine loader as outlined in section 3.1.

2. Raise the attachment about 10 inches off the floor and slide two 8" x 8" wood blocks under the backhoe quick attach frame. Note: Ensure blocks will not hinder access to the backhoe swivel pin or swing cylinder mounting.

WARNING

ALWAYS release the hydraulic pressure prior to disconnecting any part of the hydraulic circuit.

3. Lower the quick attach frame onto the wood blocks, and leave the machine connected to the attachment.

4. Wrap a rated sling or chain around the mid-section of the swing arm and attach to the overhead hoist/crane. See page 27 for how to lift the attachment.

5. Loosen and disconnect the hoses from the swing cylinder. (Use a bucket or container to catch hydraulic fluid.)

6. Remove the hardware securing the swing cylinder base to the attachment frame. *See example 3.9A below.*

7. Check the tension on the hoist strap to verify that the weight of the arm is being supported by the hoist.

8. Remove the arm pivot pin and relocate the arm to the pivot location near the side of the attachment. *See example 3.9B below.*

9. Install the swing pivot pin and securing hardware. *See example 3.9C below.*

10. Position the swing cylinder base to the alternate pivot mounting hole and install pin and associated hardware.

11. Connect and reposition the swing cylinder hoses.

12. Make sure all hardware and hydraulic fittings have been tightened.

13. Lubricate the swing pivot and swing cylinder pivot joints.

14. Lower the hoist/crane and remove the sling used to support the swing arm.

15. Ensure hydraulic hoses are connected to machine.

16. Start the machine and lift the attachment off the wood blocks.

17. Slowly work the backhoe functions in all directions.

18. Ensure hydraulic hoses are not pinched.

19. Lower the attachment, and shut off machine engine.

20. Check the hydraulic fluid level in the skid steer hydraulic reservoir. Add manufacturer recommended fluid if necessary.



3.9B Offset Pivot Location

3.9C Swing Pivot Pin

3.9A Hardware Connecting The Swing Cylinder Base To the Attachment Frame

CAUTION

To avoid injury from flying debris or rocks, make sure bystanders remain clear of the work area.

WARNING

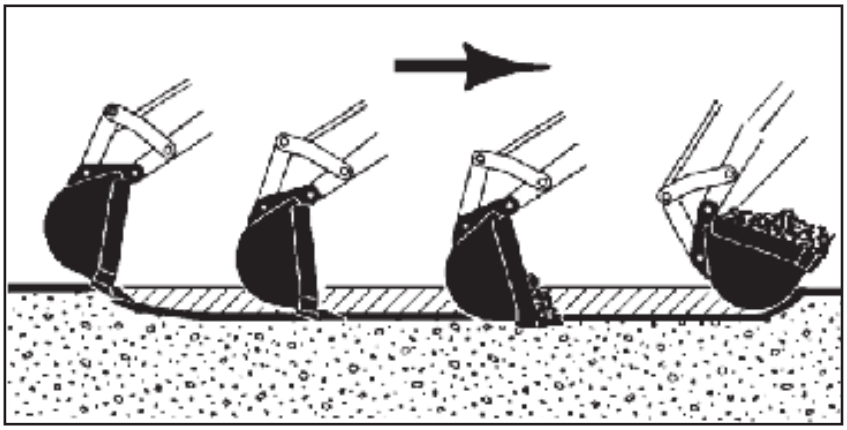
To avoid a roll over accident which may result in serious injury or death,

DO NOT operate the machine and attachment on uneven terrain or sloped surface.

3.10 BASIC DIGGING TECHNIQUE

DIGGING

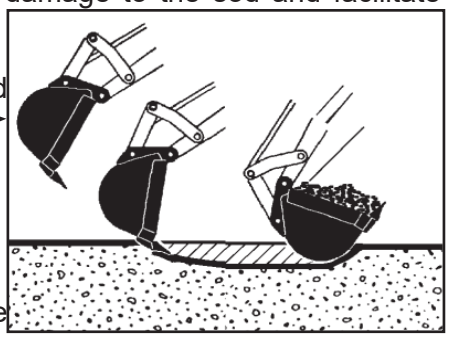
1. The first cut is crucial as it will act as a guide for all future cuts and will help keep the cuts accurate.



⚠ CAUTION

Overloading the attachment by exceeding the lifting capacity and excessive downward force, may damage the cylinder and other components.

2. When starting the excavation, make the first cut of each section shallow, being careful not to exert too much downward force (such as lifting your machine with the backhoe), and to follow the exact layout of the excavation. (Shallow cuts minimize damage to the sod and facilitate replacement). See Figure Above.



3. When digging, the loader arms should be partially raised with the bucket out, away from the operator.

4. Lower the bucket to start the digging process.

5. Bucket teeth should be at a 30˚ to 45˚ angle of entry.

6. With the bucket on the ground, simultaneously curl the bucket toward the loader and roll the bucket until it is full.

7. If the bucket stalls or the wheels slide, raise the loader arms slightly and continue digging until the bucket is full.

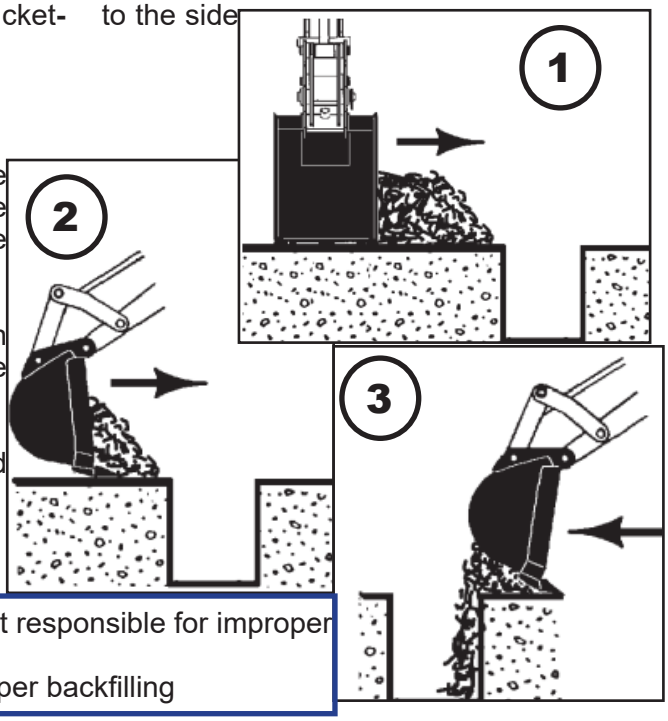
8. Raise the full bucket out of the trench and either rotate the machine and dump in the desired location or if using the swing arm, swing the bucket- to the side and dump in the desired location.

BACKFILL

1. Use the side of the bucket and pivot the loader toward the trench or hole and use the swing arm bucket to PUSH the soil into the trench or hole.

2. Use the bucket to reach beyond the trench and travel in reverse to PULL the soil into the trench or hole.

3. Use the back of the bucket and travel forward to PUSH the soil into the trench or hole.



NOTICE The manufacturer is not responsible for improper compaction techniques or improper backfilling

SECTION 4

MAINTENANCE PROCEDURES

The maintenance procedures described in this manual should only be carried out by qualified mechanics who have been trained to repair this attachment.

Some procedures require special tools and skills to complete. DO NOT attempt to repair or perform service work on this attachment unless you have the skills and tools to do so. Contact your local dealer for maintenance and repair services.

WELDING REPAIRS

Welding on attachments must be performed by certified welders who have requested and obtained written approval from an authorized representative of the manufacturer before welding begins.

All authorized welding repairs must be performed by qualified welders in accordance to the American Welding Society (AWS) standards. Welding procedures performed by unqualified welders may deem this attachment unsafe to operate and **VOID THE WARRANTY**!.

WARNING

PARTS

Only use genuine Original Equipment Manufacturer (OEM) replacement parts on this attachment. We will not be liable for any damages or injuries caused by the use of after market parts on this attachment.

NOTICE

Improper maintenance or modifications to the design or performance of this attachment will void the warranty. **ONLY use genuine OEM replacement parts on this attachment.**

Obey the following safety instructions when servicing or repairing this attachment.

- **Wear proper Personal Protective Equipment (PPE) while working on this attachment, which may include safety glasses, hard hats, steel toe boots, gloves, etc.**
- **If servicing is performed while the backhoe attachment is attached to the machine, turn engine off, set parking brake and chock wheels to prevent machine from moving.**
- **Ensure all jack stands, lifts and hoists are in good working condition and have the rated load capacity to support the load.**
- **Wear a welding helmet when welding to protect your eyes, face and neck from flash burn, ultra-violet radiation and heat.**
- **Always service on a flat and stable surface with proper safety locks engaged.**

4.0 MAINTENANCE OVERVIEW CONT.

⚠ **Only perform service work in a well-lit area.**

⚠ **Allow the attachment to cool down before servicing this machine.**

⚠ **NEVER work under an unsupported backhoe attachment.**

4.1 MAINTENANCE SCHEDULE

This **BACKHOE** attachment will provide years of dependable service if routine maintenance procedures are performed. The maintenance tasks listed below are based on normal operating conditions. More frequent maintenance may be necessary with intense use or when operating in adverse environmental conditions.

MAINTENANCE TASK	BEFORE EACH USE	WEEKLY	YEARLY
Check host machine's hydraulic fluid level. Add fluid as necessary. *Please refer to our "Hydraulic Fluid and Oil Statement" on Page 5 for gear oil or hydraulic fluid instructions.*	X		
Check that all fasteners (nuts, bolts, washers, pins, keepers) are in place. Tighten as necessary.	X		
Check teeth for damage and replace as needed.	X		
Inspect attachment for worn parts or cracked welds. Repair as necessary.	X		
Inspect and replace any worn, torn, or missing safety decals.	X		
Inspect hydraulic hoses and connectors for damage or leakage. Repair or replace hydraulic items as necessary.	X		
Lubricate all pivot joints using #2 Lithium grease.	X		
Wash Backhoe Attachment.		X	
Check attachment for major scratches & dings. Sand and repaint these areas to prevent rust damage. ***Use formulated for farm equipment which can be found at your local hardware store.**			X

⚠ DANGER

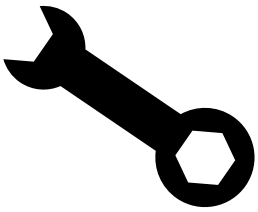
ONLY service the attachment on stable, even terrain. NEVER park on sloped terrain to avoid being struck and killed or seriously injured by the unexpected rolling or movement of the machine.

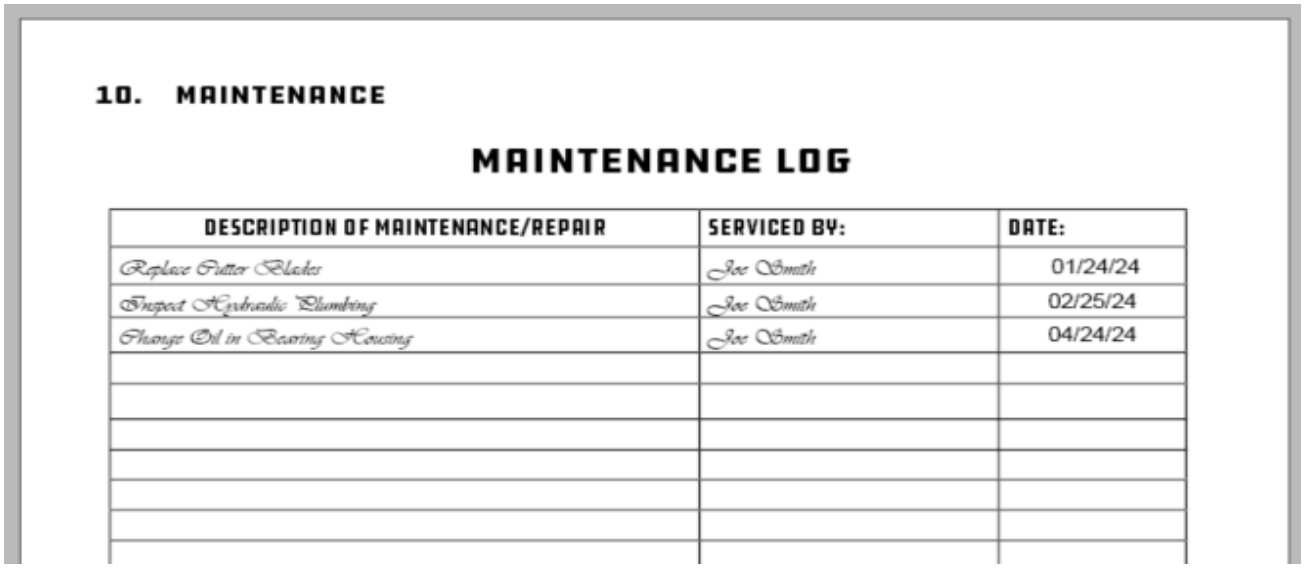
4.2 MAINTENANCE LOG INSTRUCTIONS

Document all maintenance and service activities performed on this attachment using the maintenance log sheets included at the end of this manual.



MAINTENANCE LOG





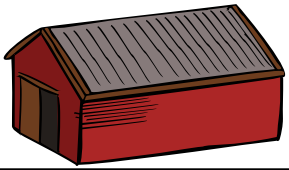
10. MAINTENANCE

MAINTENANCE LOG

DESCRIPTION OF MAINTENANCE/REPAIR	SERVICED BY:	DATE:
Replace Cutter Blades	Joe Smith	01/24/24
Inspect Hydraulic Plumbing	Joe Smith	02/25/24
Change Oil in Bearing Housing	Joe Smith	04/24/24

4.3 STORAGE TIPS

To get years of quality use out of your attachment, follow these tips when storing your attachment for the season:

	Ensure attachment is free of water, debris, dirt and grease.
	Store your attachment in a dry shed or garage.
	When storing your attachment for the season, cover with a weather proof tarp to protect it from the elements.

4.4 TORQUE SPECIFICATION TABLE AND INSTRUCTIONS

BOLT TORQUE INSTRUCTIONS

1. Apply and maintain proper torque on all bolts.
2. Use lubricated torque values when applying Loctite. **Do not grease or oil bolts.**
3. Wipe bolts clean and use Loctite 635 or equivalent before tightening bolts. May need curing activator.
4. Use a torque wrench to assure the proper amount of torque is being applied to the bolt.
5. **MUST CURE 72 HOURS BEFORE USE TO PREVENT LOOSENING OF BOLTS.**

TORQUE VALUES

SAE GRADE 8

	DRY lb.-ft.	LUBRICATED lb.-ft.
1/4”	12	9
5/16”	24	18
3/8”	45	35
1/2”	110	80
3/4”	380	280
7/8”	600	450
1”	910	680
1 1/4”	1820	1360
1 1/2”	3162	2688

4.5 TORQUE EQUIPMENT REQUIREMENTS

TOOLS & EQUIPMENT REQUIREMENTS

To complete the maintenance procedures described in this section, you may need the following tools:

- 1/2 inch drive breaker bar
- 3/4 inch impact socket
- 1/2 inch impact socket
- Tapping Hammer
- 1/2 inch drive torque wrench
- Nylon pry bar set
- Safety stands
- **Loctite 635 or Equivalent-MUST CURE 72 HRS**
- Lifting device (overhead crane hoist, forklift)



NOTE:

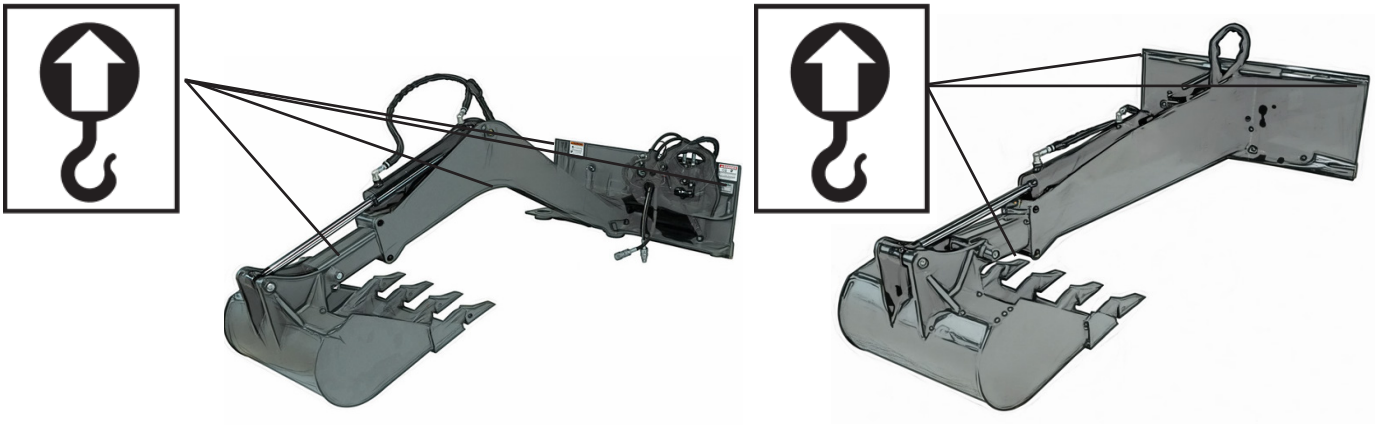
When removing bolts with Loctite, it will be necessary to apply localized heat of at least 250 degrees Celsius or to 482 degrees Fahrenheit to loosen bolts.

LOCTITE 635 TECHNICAL SPECIFICATIONS FOR BONDING, CURING, REMOVAL AND INSTALLATION CAN BE FOUND HERE: https://next.henkel-adhesives.com/

4.6 LIFTING POINTS

NOTICE

Use care when lifting the attachment as lifting improperly is unsafe and may cause damage to your attachment.



NEVER lift the attachment by the hoses or cylinders.

⚠WARNING

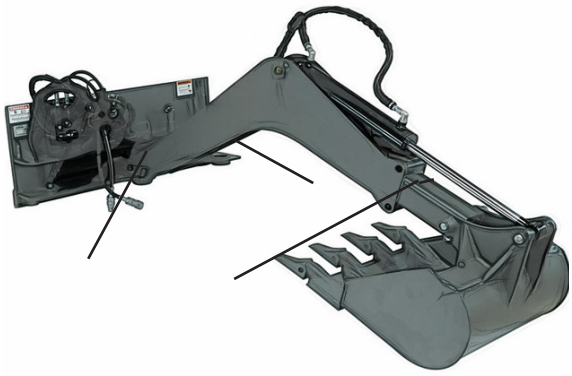
Only use lifting accessories (chains, slings, ropes, shackles and etc.) that are rated and capable of supporting the size and weight of the attachment. Secure all lifting accessories to prevent unintended disengagement. Failure to do so could result in the attachment falling and causing serious injuries or death.

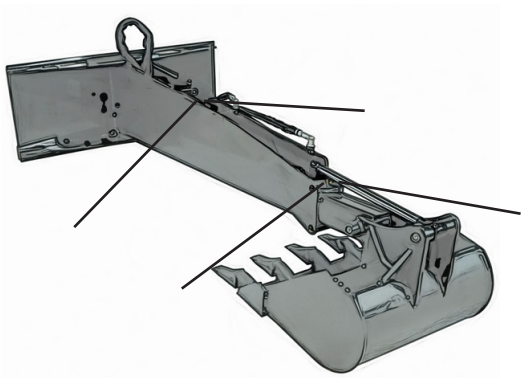
1. Attach lifting accessories (chains, slings, ropes, shackles and etc.) at recommended lift points.
2. Bring lifting accessories together to a central lifting point.
3. Lift gradually, maintaining balance of the unit.

4.7 TIE DOWN POINTS

⚠WARNING **DO NOT attach tie down accessories over cylinders, hoses, or valves.**

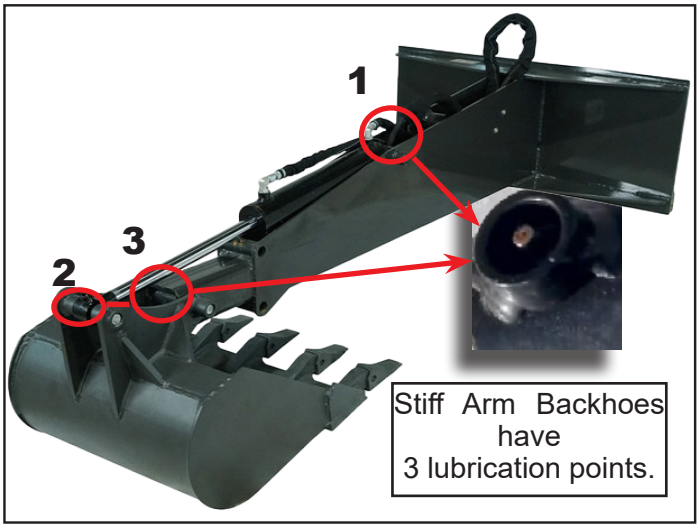
Tie down points should be identified before attempting to tie down. Securing the attachment to a trailer at other points is unsafe and can damage attachment. Do not tie down accessories around cylinders or in any way that may damage hoses or hydraulic components.



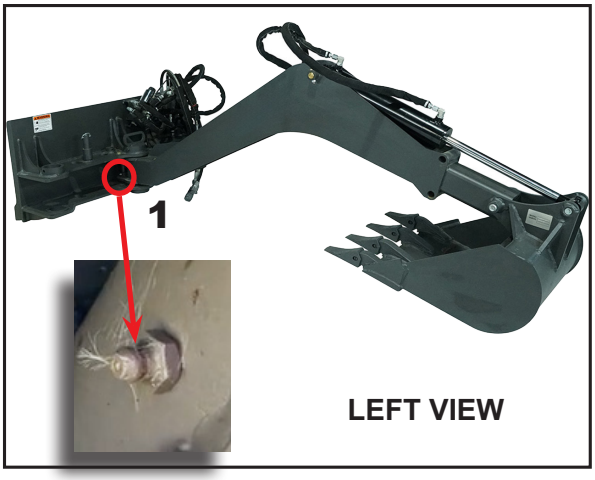


4.8 LUBRICATING YOUR ATTACHMENT

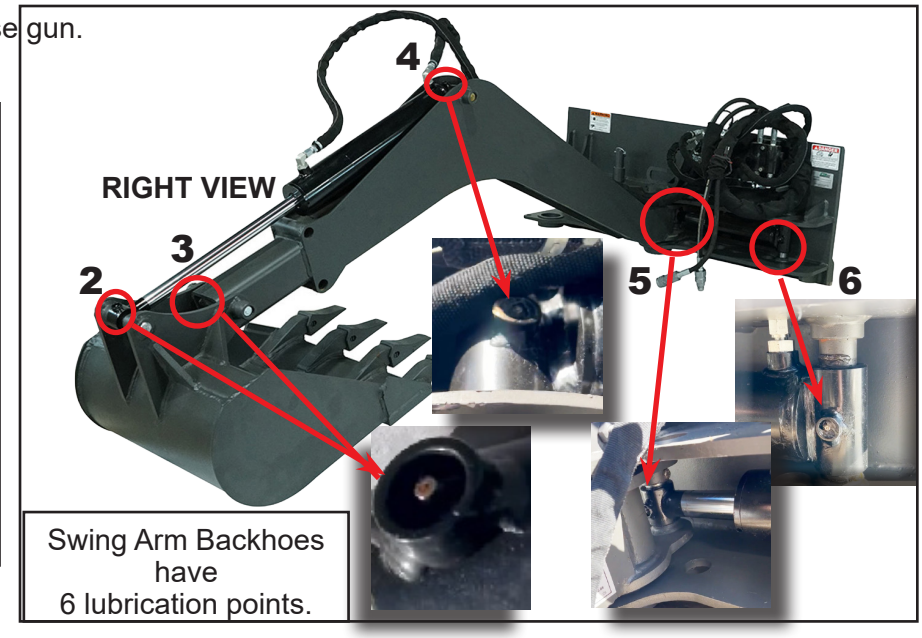
For longevity and optimal performance, all moving parts of you attachment must be properly lubricated. Failure to lubricate properly causes wear, breakdown, heavy draft, unnecessary replacement of parts, and reduced efficiency. **All parts provided with grease fittings should be lubricated every 4-8 hours depending on conditions.** If any grease fittings are missing, replace them immediately. Make sure to thoroughly clean all fittings before using a grease gun.



Stiff Arm Backhoes have 3 lubrication points.



LEFT VIEW



Swing Arm Backhoes have 6 lubrication points.

4.9 BUCKET MAINTENANCE

CHANGING BUCKETS AND BUCKET TEETH

1. To change buckets, remove the pivot and cylinder pins, and remove the bucket.
2. Position the alternative bucket in its place.
3. Install the pivot and cylinder pins.
4. Lubricate the cylinder and pivot pin at the end of the tube (#2 & 3 Above) before operating.



Bucket teeth do not require routine maintenance, however, they can be replaced when they become worn or broken.

⚠ DANGER

NEVER enter the area underneath the coupler or any part of the attachment when it is in the raised position to avoid an accident that will result in Death or Serious Injury!

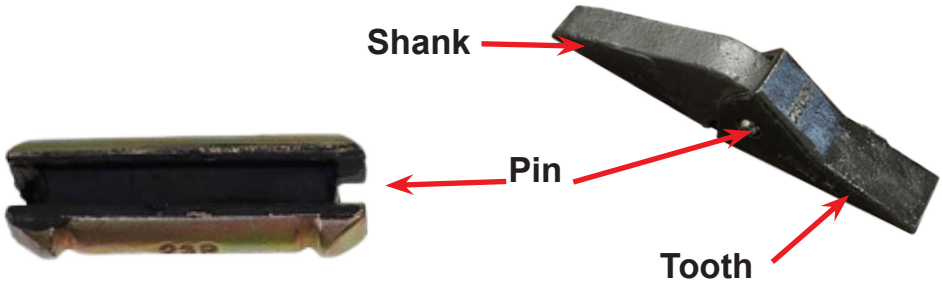
4.10 TOOTH REMOVAL AND REPLACEMENT

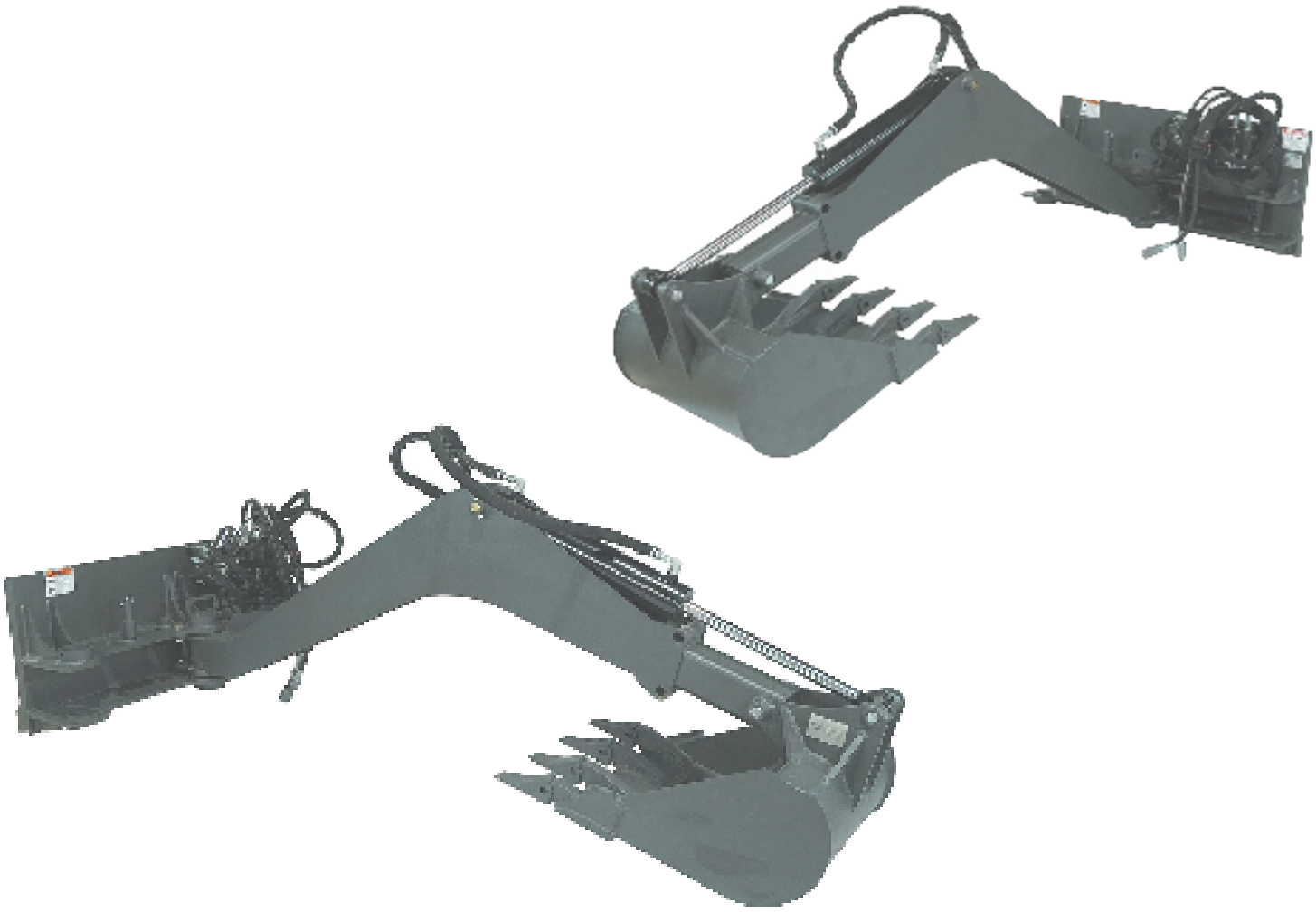
1. Remove the retaining pin that holds that tooth onto the shank.

2. Remove worn tooth.

3. Put new tooth in place and place retaining pin in hole to secure the tooth.

NOTICE: Make sure retaining pin is fully seated retaining both sides of the tooth flanges.





SECTION 5

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
Bucket fails to curl or swing arm backhoe fails to swing.	1. Low hydraulic fluid supply. 2. Damaged, leaking, or obstructed hydraulic lines. 3. Damaged hydraulic cylinder or internal bypass. 4. Auxiliary hydraulic circuit not activated or quick disconnects not fully engaged.	1 Add manufacturer recommended hydraulic fluid. 2.Tighten or replace hydraulic line or remove obstruction. 3. Replace seals or cylinder. 4. Ensure auxiliary hydraulic circuit is activated and secure quick disconnects.
Swing Arm swing function does not work.	1-4. Electrical problem. 5. Transportation bolt is still in place. 	1. Ensure electrical harness is connected to a 12V source & auxiliary hydraulic circuit is activated. 2. Ensure the electrical circuit is properly grounded. 3. Search for pinch marks in the electrical harness, replace if damaged or cut. 4. With the engine turned off, and the ignition key in the “ON” position, activate the swing switch and listen for a ‘click’ sound in the solenoid valve on the attachment. If no ‘click’ sound is heard, either there is no power getting to the solenoid or the solenoid coil has failed. Check for 12V at the coil harness connector using a multimeter. 5. Remove the bolt. Refer to page 14.

PROBLEM	POSSIBLE CAUSE	SOLUTION
Bucket fails to maintain curl	1. Hydraulic Fluid leaking past cylinder seals. 2. Damaged or leaking hydraulic lines. 3. Malfunctioning selector valve.	1. Replace cylinder seals. 2. Repair or replace and check for leaks. 3. Repair or replace.
Hydraulic fluid level goes down during operation.	1. Leak at the selector control, swing flow valve or other hydraulic connections. 2. Leak(s) in the machine's hydraulic system.	1. Investigate and repair. 2. Investigate and repair.
Bucket or swing operating too slow or erratically.	1. Malfunctioning selector valve. 2. Hydraulic Fluid leaking past cylinder seals. 3. Hydraulic quick disconnect couplers not completely engaged. 4. Obstruction in hydraulic line. 5. Flow control valve not properly adjusted. 6. Cylinder seals damaged. 7. O-rings damaged between the valves.	1. Repair or replace. 2. Replace cylinder seals. 3. Ensure quick disconnects are fully seated. 4. Remove obstruction from hydraulic line and ensure no other contamination is present. 5. Adjust flow control valve until operation is smooth. 6. Replace seals. 7. Replace O-rings.
High Pitched Squeal	1. Flow control valve. 	1. This is completely NORMAL. The tighter the valve is closed, the higher pitched the squeal. See Page 18

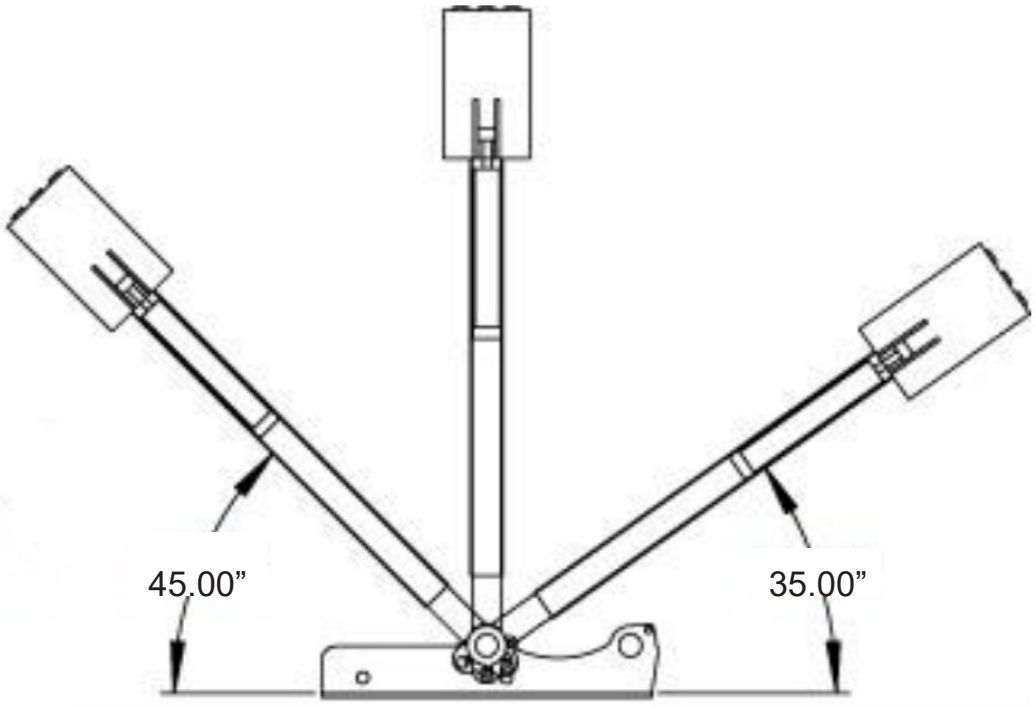
5.0 TROUBLESHOOTING

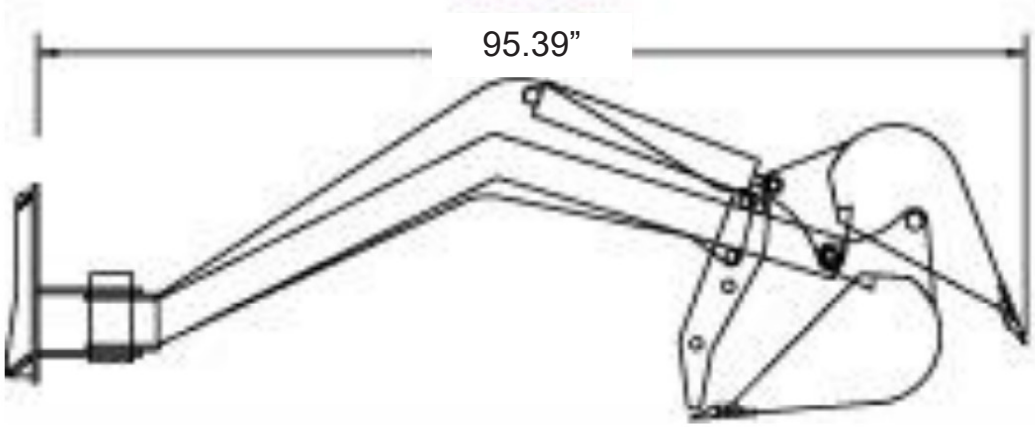
PROBLEM	POSSIBLE CAUSE	SOLUTION
Swing arm functions in one circuit only.	1. No electrical power to solenoid valve.	1. Check for proper connection in control box and power from machine.
Swing arm functions in one circuit only WITH power to the valve.	1. Selector malfunctioning.	1. Repair or replace selector.
Backhoe attachment not functioning according to operation decal.	1. Incorrect hose routing.	1. Switch auxiliary inlet and return hoses at valve.
Tooth falls off shank or breaks.	1. Prying with tooth. 2. Tooth receiving excessive shock loads from contacting solid objects (rocks, steel pipes, etc.) 3. Retaining pin is damaged or not properly installed.	1. Do not use bucket or tooth to pry. 2. Clear the area of solid objects, or avoid them. 3. Replace damaged pin or make sure pin is fully sealed.
Pins could be prematurely wearing or breaking.	1. Not greasing pins frequently enough. 2. Bucket receiving excessive shock loads from ramming or contacting solid objects. (rocks, concrete, steel pipes, etc.)	1. Grease pins before each use & repeat every 8 hours or less while using in extreme conditions. 2. Clear or mark area of solid objects, or raise the bucket height to clear exposed solid surfaces.

SECTION 6

SPECIFICATIONS

SWING ARM BACKHOE SPECIFICATIONS





LENGTH.....95” (2413mm)

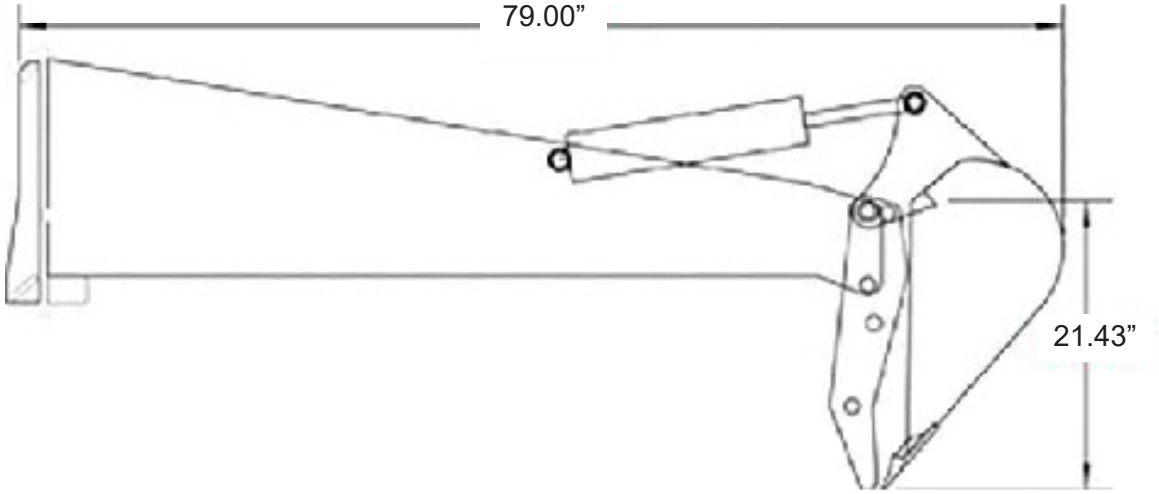
DIG DEPTH.....7’ (2.13m)

WEIGHT W/O BUCKET.....571 lbs (259kg)

THUMB (OPTIONAL).....30 lbs (14kg)

6.0 SPECIFICATION CHARTS

STIFF ARM BACKHOE SPECIFICATIONS



LENGTH.....79” (2006mm)

DIG DEPTH.....7’ (2.13m)

WEIGHT W/O BUCKET.....394 lbs (179kg)

THUMB (OPTIONAL).....30 lbs (14kg)

THUMB (OPTIONAL)



BUCKET WEIGHTS

BUCKET SIZE	8”	12”	16”	20”	24”
WEIGHT	92 lbs	114 lbs	134 lbs	160 lbs	170 lbs

SECTION 7

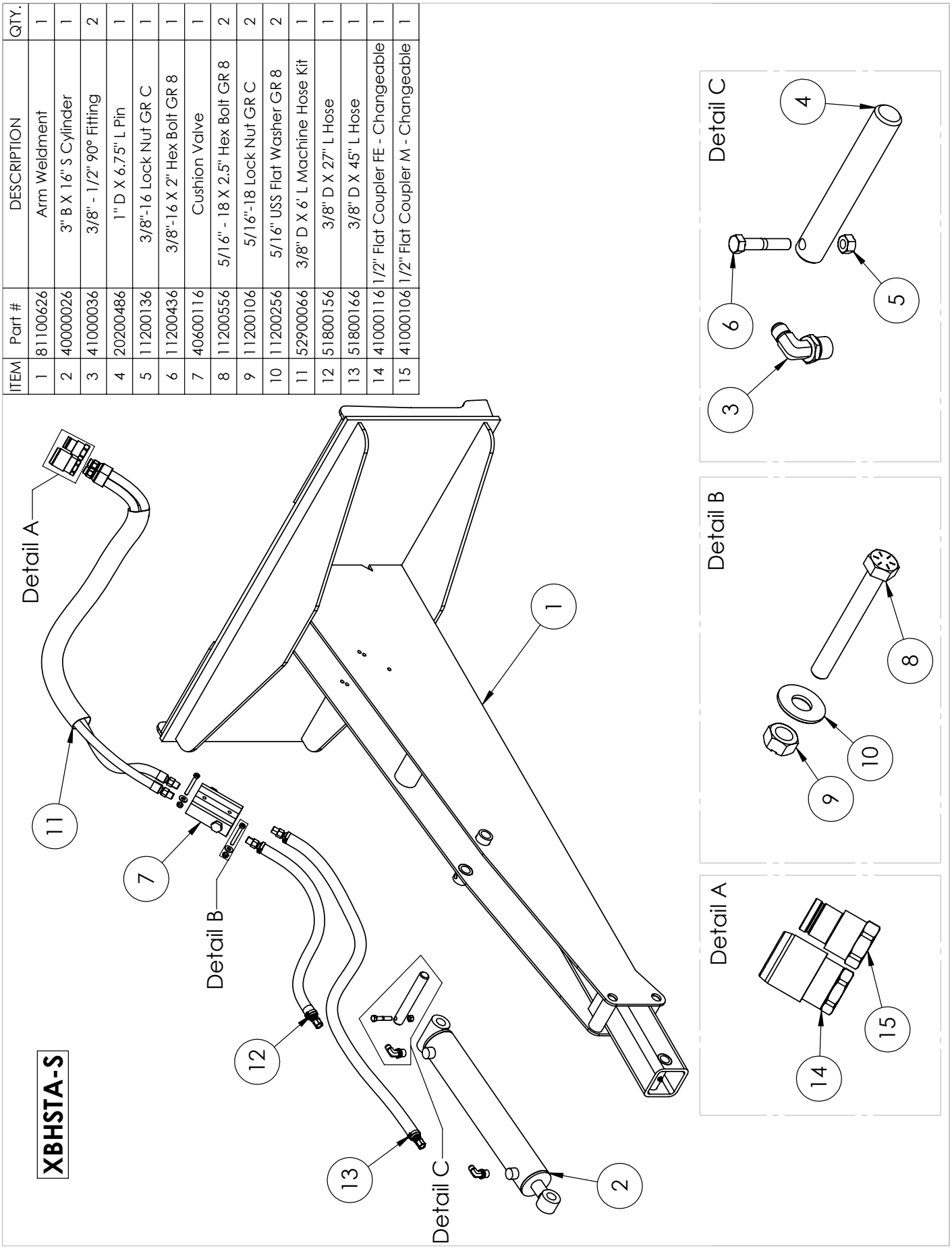
PARTS INFORMATION

Factory OEM parts specifically designed for your implement are readily available.

For hassle free service and to ensure you receive the correct parts for your implement, please provide your dealer with the following information:

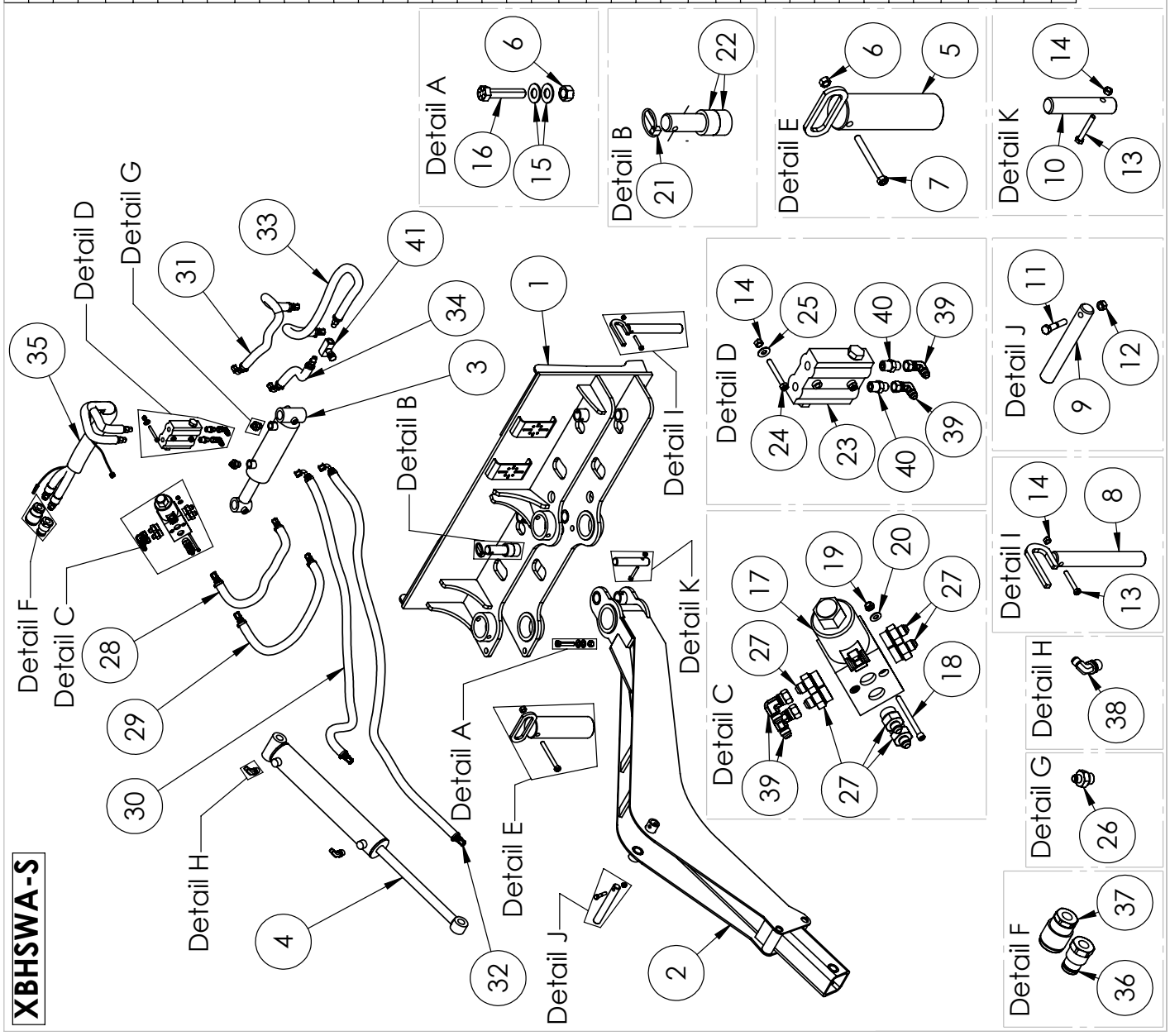
Model Number	
Serial Number	
GPM Requirements	
Date of Owners Manual (Bottom Left Corner of Cover Page)	
Parts Diagram Page Number	
Part Description	
Reference #	
Quantity Desired	
Ship To Information	
Bill To / Payment Information	

7.1 BACKHOE STIFF ARM PARTS DIAGRAM



ITEM	Part #	DESCRIPTION	QTY.
1	81100626	Arm Weldment	1
2	40000026	3" B X 16" S Cylinder	1
3	41000036	3/8" - 1/2" 90° Fitting	2
4	20200486	1" D X 6.75" L Pin	1
5	11200136	3/8"-16 Lock Nut GR C	1
6	11200436	3/8"-16 X 2" Hex Bolt GR 8	1
7	40600116	Cushion Valve	1
8	11200556	5/16" - 18 X 2.5" Hex Bolt GR 8	2
9	11200106	5/16"-18 Lock Nut GR C	2
10	11200256	5/16" USS Flat Washer GR 8	2
11	52900066	3/8" D X 6' L Machine Hose Kit	1
12	51800156	3/8" D X 27" L Hose	1
13	51800166	3/8" D X 45" L Hose	1
14	41000116	1/2" Flat Coupler FE - Changeable	1
15	41000106	1/2" Flat Coupler M - Changeable	1

7.2 BACKHOE SWING ARM PARTS DIAGRAM



ITEM	Part #	DESCRIPTION	QTY.
1	81100366	Back Frame Weldment	1
2	81100376	Arm Weldment	1
3	40000016	3" B X 6" S Cylinder	1
4	40000026	3" B X 16" S Cylinder	1
5	20200286	Pivot Pin Weldment	1
6	11200446	1/2"-13 Lock Nut GR C	2
7	11200676	1/2"-13 X 5" Hex Bolt GR 8	1
8	20200296	Cylinder Pin Weldment	1
9	10300016	1" D X 7" L Pin	1
10	20200016	1.25" D X 5.5" L Pin	1
11	11200436	3/8"-16 X 2" Hex Bolt GR 8	1
12	11200136	3/8"-16 Lock Nut GR C	1
13	11200096	5/16"-18 X 2 1/4" Hex Bolt GR 8	2
14	11200106	5/16"-18 Lock Nut GR C	4
15	11200306	1/2" SAE Flat Washer GR 8 Z/YEL	2
16	11201256	1/2"-13 X 2 1/2" Hex Bolt GR 8	1
17	40600076	Selector Valve	1
18	11200826	1/4"-20 X 3" Socket Bolt	2
19	11200076	1/4"-20 Lock Nut GR C	2
20	11200066	1/4" SAE Lock Washer GR 8	2
21	11201266	Lynch Pin	1
22	70400016	1 3/4" OD X 1 1/4" ID Bushing	2
23	40600116	Cushion Valve	1
24	11200556	5/16" - 18 X 2.5" Hex Bolt GR 8	2
25	11200256	5/16" USS Flat Washer GR 8	2
26	41000066	3/8" - 1/2" Straight Fitting	2
27	41000296	3/8" to 5/8" Straight Fitting	6
28	51800016	3/8" D X 16" L Hose	1
29	51800026	3/8" D X 15" L Hose	1
30	51800036	3/8" D X 6' L Hose	1
31	51800046	3/8" D X 35" Hose	1
32	51800056	3/8" D X 92" L Hose	1
33	51800066	3/8" D X 37" L Hose	1
34	51800076	3/8" D X 3 1/2" L Hose	1
35	52900026	3/8" D X 6' L Machine Hose Kit	1
36	41000106	1/2" Flat Coupler M - Changeable	1
37	41000116	1/2" Flat Coupler FE - Changeable	1
38	41000036	3/8" - 1/2" 90° Fitting	2
39	41000176	3/8" - 3/8" 90° Fitting	4
40	41000416	3/8" MJIC X 3/8" NPT Straight Fitting	2
41	40600126	Needle Valve	1

SECTION 8

WARRANTY INFORMATION

LIMITED WARRANTY

Construction Implements Depot, Inc. (CID) products are warranted to be free from defects in workmanship or materials for a period of 12 months from the initial sale.

WARRANTY EXCLUSIONS

This warranty does not cover normal wear items, including but not limited to: bearings, hoses, blade holders, ground engaging parts such as teeth, blades, cutting edges, pilot bits, auger teeth and broom bristles. This warranty does not cover maintenance, service or adjustments. This warranty does not cover damage due to improper application or installation, misuse, negligence, accidents or improper maintenance. Please note: Any modification or customization made to your attachment may void its warranty. This warranty is void if any components have been disassembled, i.e., pumps, gear boxes or motors or the attachment has been used without the case drain attached (if applicable). Be sure to follow all recommended Horsepower and GPM requirements as outlined in product specifications, in order to prevent the warranty from being void. This warranty is contingent upon the use of approved BRAND parts exclusively. Any use of non-approved parts may result in voiding the warranty. Please be advised that the warranty does not cover refurbished attachments. Specially modified attachments built by the manufacturer to meet your needs shall not be warranted by CID, Inc.

REPAIRS UNDER WARRANTY

Any repairs, including welding, on attachments must be performed by certified repair technicians who have requested and obtained written approval from an authorized representative of CID before repairs begin. If you are completing the repair, you must also have prior written approval to prevent the warranty from being voided.

WARRANTY STATEMENT

Our obligation under this Limited Warranty shall be solely limited to repairing or replacing any part (see non-covered items above) that, according to our judgment, show evidence of a defect in quality of workmanship or materials for the stated 12 month warranty period. All defective parts must be routed directly to CID, Inc.

with freight or delivery charges to be prepaid. This limited warranty shall not be interpreted to render CID, Inc. liable for any injury or damage to persons, businesses or property of any kind nor expenses or losses incurred for labor, supplies, substitute machinery rental or for any other reason. Repair or replacement parts are subject to the supply conditions at the time of repair or replacements, which may directly affect our ability to obtain material and/or replacement parts. CID, Inc. reserves the right to make improvements in design or changes in specifications at any time without incurring any obligations to owners of previously purchased products. No one but CID, Inc. is allowed to alter, modify or enlarge this warranty nor the exclusions, limitations and reservation at any time. CID, Inc. products are warranted to be free from defects in workmanship or materials for a period of 12 months from the initial sale.

Purchaser and Manufacturer hereby (a) submit to the non-exclusive jurisdiction of the courts of competent jurisdiction in North Carolina and Davidson County in which this company resides for resolution of any dispute concerning this Limited Warranty or the rights or obligations of Purchaser and/or Manufacturer; (b) agree that any litigation in connection with this Limited Warranty shall be venued in North Carolina and Davidson County in which the company resides and (c) waive any objection they may have as to any such action or proceeding brought in such court that such court is an inconvenient forum. Nothing herein shall limit the right of Purchaser or Manufacturer (or the right of any permitted successor or assign of either) to bring proceedings against the other in the courts of any other jurisdiction wherein any assets of such other party may be located.

8.1 WARRANTY RETURN AUTHORIZATION POLICY

WARRANTY RETURN AUTHORIZATION POLICY:

If repairs are required, a Return Material Authorization (RMA) number must be obtained for the defective part as well as proof of purchase. RMA and services are rendered by CID only. Any responsibility of shipping costs on any item returned for repair is at the discretion of CID, Inc.

All returned parts must have the following:

1. A legible RMA number written on the outside of the package.
2. Warranty Claim Form (online)
3. The defective part.

RMA numbers are only valid for 30 days from the date of issue. All shipped replacement parts will require a Parts Order (PO) number from the original CID, Inc dealer. Repairs not covered by the warranty, will be charged for parts and labor at the current pricing rate. Should you have any problems with your attachment, please follow the instructions listed on the following page.

8.2 WARRANTY PROCEDURE

WARRANTY RETURN AUTHORIZATION PROCEDURE:

1. Call the Warranty Department at (336) 859-2002 EXT 215. You will need to provide the model and serial number of the defective item(s) (see Appendix for where to find this information), a description of the problem, and have photographs available.

2. Upon a warranted issue, visit www.cidattachments.com, click on the warranty tab, and fill in the warranty information on the Warranty Claim Form. CID, Inc will retain a Return Material Authorization (RMA) number of the defective part. If all the information above is completed CID, Inc will issue a RMA number via email.

3. Once you have an approved RMA number, a shipping label will be provided with CID's address and instructions for returning the defective part. **Appropriate RMA's/PO's will be invoiced and payment received while the evaluation process is being completed to prevent delays in your normal business operations. In the event the defective part(s) is un-warranted and repairs are not covered by the warranty, the customer will be invoiced for any additional parts and labor at the current pricing rate. If the part is deemed under warranty, a credit of the invoice will be issued.**

4. CID will ship a replacement part to the provided location or customer with a RMA identifier of some kind. **The customer is responsible for initial shipping charges until evaluation of the part has been completed.** If the part failure is covered by the warranty, the customer will be reimbursed for any paid shipping charges. In the event, the part is not covered by the warranty, the customer is responsible for return shipping.

5. Once the defective part is warranted by CID, the customer will be issued a credit and the PO number will no longer be active.

6. In the event CID decides that the attachment needs to be returned to them for repair, CID will make arrangements for pickup and return. Repairs will be performed by CID qualified technicians. Non-warranted issues will be discussed, and repairs will be performed upon the owner's agreement and receipt of payment for parts and labor.

SECTION 9

SAFETY ACKNOWLEDGMENT

ATTENTION ALL OPERATORS: Print your name, sign and date in the boxes below to acknowledge that you have read and fully understand the safety instructions presented in this manual, and have been trained on how to safely operate this attachment.

OPERATOR NAME	SIGNATURE	DATE

SECTION 10

MAINTENANCE LOGSHEETS

Use this log sheet to document all routine maintenance and repair services performed on this attachment.

DESCRIPTION OF MAINTENANCE/REPAIR	SERVICED BY:	DATE:

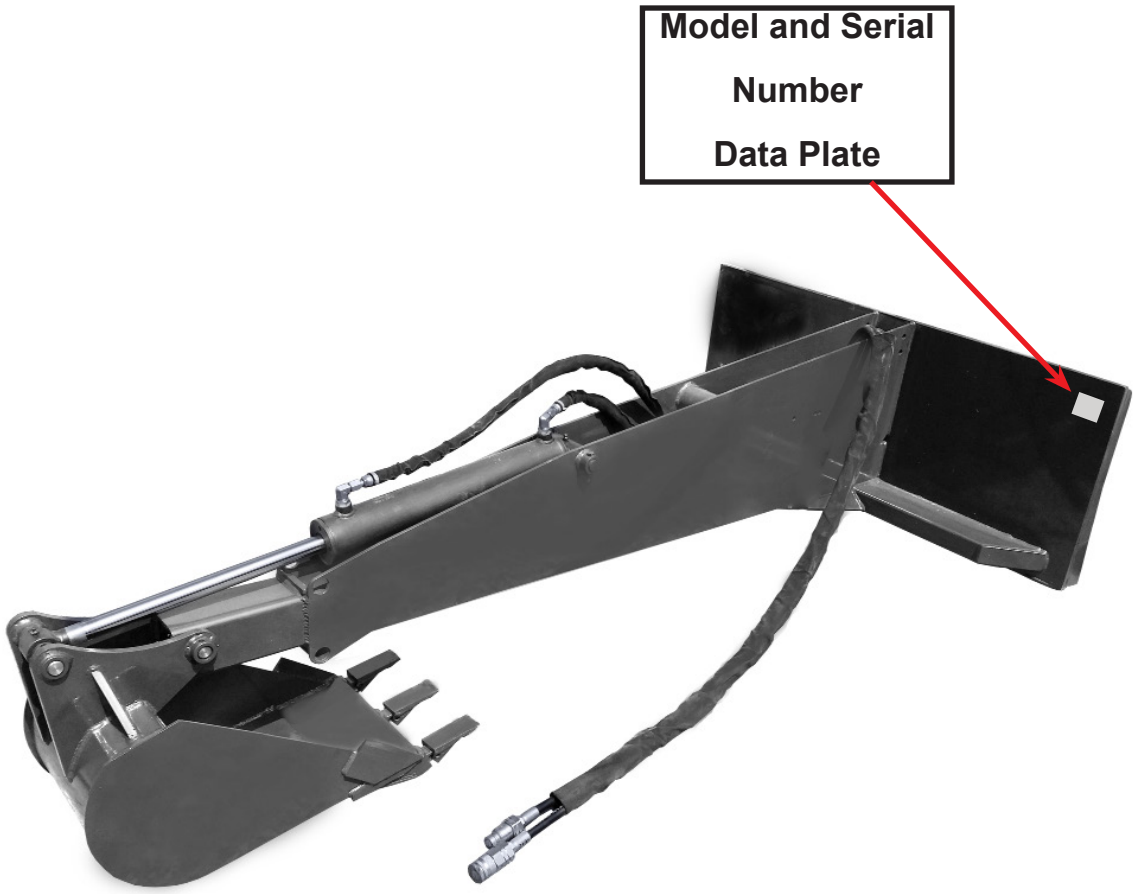
The Model and Serial numbers will

either be etched into the attachment or on a Data Plate.

Instructions: Stand at the back of the attachment facing the attachment mounting bracket and look in the following locations:

Top of the attachment plate-left side.

PLEASE NOTE: The Model and Serial number may be etched or on a Data Plate.



Disclaimer: Any critical changes made to this manual by individuals outside the manufacturer's authorized personnel are doing so at their own risk. The manufacturer cannot be held legally responsible for any consequences, damages, or liabilities resulting from such modifications. It is advised to adhere strictly to the original manual provided by the manufacturer for optimal performance, safety, and reliability.



MADE IN THE USA
WITH U.S. AND IMPORTED PARTS

CONSTRUCTION IMPLEMENT DEPOT
DENTON-USA, LLC
1248 N. MAIN ST
DENTON, NC 27239

WWW.CIDATTACHMENTS.COM

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